45389.00006.CIP

HE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:) Group Art Unit: To Be Assigned
Ismail Lakkis) Examiner: To Be Assigned
Serial No.: 10/810,948) Customer No.: 36183
Filed: March 25, 2004))
For: SYSTEMS AND METHODS FOR IMPLEMENTING PATH DIVERSITY IN A WIRELESS COMMUNICATION NETWORK)))

TRANSMITTAL LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Enclosed are the following documents:

- Information Disclosure Statement;
- Form PTO/SB/08A;
- Two (2) cited references; and
- Return Postcard.

CERTIFICATE OF MAILING (37 C.F.R. §1.8a)

I hereby certify that this paper (along with anything referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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No fee is believed due with this submission; however, the Commissioner is authorized to charge any fee required by this submission to our Deposit Account No. 50-2613.

Respectfully submitted,

PAUL, HASTINGS, JANOESKY & WALKER LLP

Dated: 7-24-04

By:

Noel C. Gillespie Reg. No. 47,596

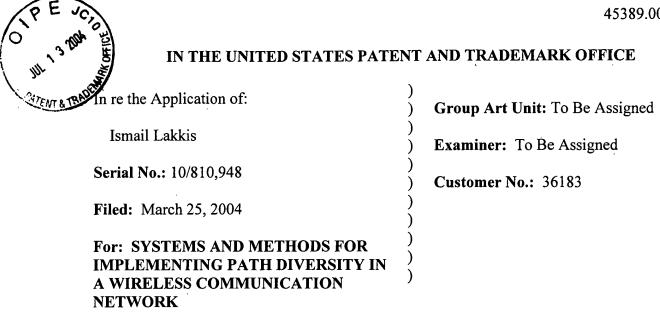
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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the Applicant's duty under 37 CFR § 1.56, the following information is brought to the attention of the Examiner.

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REFERENCES								
X	The references are listed on the attached Form PTO/SB/08a and copies are enclosed for the							
convenience of the Examiner.								
	Copies of the references listed on the attached Form PTO/SB/08a have already been							
submitted in corresponding Patent Application No and therefore, copies of the								
same are not enclosed.								

The items identified in this Information Disclosure Statement may or may not be "material" pursuant to 37 CFR § 1.56 and the submission thereof by Applicant shall not be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

The filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information, as defined in 37 CFR § 1.56, exists.

DISCLOSURE

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	Enclosed is a check to cover the fee pursuant to 37 CFR § 1.17(p).						
1	The Examiner is hereby authorized to charge any fee due with this filing to our Deposit						
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our Deposit Account No. 50-2613.							
	Respectfully submitted,						
	PAUL, HASTINGS, JANOFSKY & WALKER						
Dated:	By: Noel C, Gillespie Reg. No. 47,596						

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Substitute for form 1449A/PTO

Complete if Known

Application Number 10/810,948

Filing Date March 25, 2004

First Named Inventor Lakkis

Group Art Unit To Be Assigned

Examiner Name To Be Assigned

Attorney Docket Number 45389.00006.CIP

STATEMENT BY APPLICANT

INFORMATION DISCLOSURE

(use as many sheets as necessary)

Sheet 1 of 1

Examiner Cite		U.S. Patent Document		Name of Patentee or	Date of Publication of	Pages, Columns, Lines,
Initials*	No.1	Number	Kind Code ² (<i>if known</i>)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
	AA	6,185,258		Alamouti, et al.	02-06-2001	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.1	Office ³	Foreign Patent Doc Number ⁴	ument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

NON PATENT LITERATURE DOCUMENTS				
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	AB	ALAMOUTI, Siavash M., "A Simple Transmit Diversity Technique for Wireless Communications" <i>IEEE Journal on Select Areas in Communications</i> , Vol. 16, No. 8, October 1998.		
	AC	WORNELL, Gregory W. and Mitchell D. Trott, "Efficient Signal Processing Techniques for Exploiting Transmit Antenna Diversity on Fading Channels" <i>IEEE Transactions on Signal Processing</i> , Vol. 45, No. 1, January 1997.		

Examiner	Date	
Signature	Considered	

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



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